

CLAIMS

What is claimed is:

- 1 1. A method, comprising:
2 determining an inter-module dependency tree; and
3 modifying a module function in accordance with the inter-module
4 dependency tree.
- 1 2. The method of claim 1 further comprising associating a configuration parameter
2 with an inter-module dependency in said inter-module dependency tree.
- 1 3. The method of claim 1 further comprising storing a default value for a
2 configuration parameter.
- 1 4. The method of claim 1 wherein said determining an inter-module dependency tree
2 comprises associating a module command with an inter-module dependency.
- 1 5. The method of claim 4 wherein associating a module command with an inter-
2 module dependency comprises determining a phase for a command of a module.
- 1 6. The method of claim 1 wherein said modifying a module function comprises
2 determining a command script based on a command association with an inter-
3 module dependency.
- 1 7. The method of claim 1 wherein said modifying a module function comprises
2 associating a command of one module with a command of another module based
3 upon an inter-module dependency.
- 1 8. The method of claim 7 wherein associating a command of one module with a
2 command of another module comprises associating a command of one module
3 with a command of another module based upon a phase identification.

1 9. The method of claim 1 wherein said modifying a module function comprises
2 initializing a module function.

1 10. The method of claim 1 wherein said modifying a module function comprises
2 reconfiguring a module function.

1 11. The method of claim 1 wherein said modifying a module function comprises
2 shutting down a module function.

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- 1 12. An apparatus, comprising:
2 a system controller; and
3 a configuration manager coupled to said system controller.
- 1 13. The apparatus of claim 11, further comprising a current configuration database
2 coupled to said configuration manager.
- 1 14. The apparatus of claim 11, further comprising a permanent configuration database
2 coupled to said configuration manager via a command line interface.
- 1 15. The apparatus of claim 11, wherein said system controller comprises circuitry to
2 store an inter-module dependency tree.
- 1 16. The apparatus of claim 11, wherein said system controller comprises circuitry to
2 modify a module function in accordance with an inter-module dependency tree.
- 1 17. The apparatus of claim 11, wherein said configuration manager comprises
2 circuitry to receive a configuration parameter change request.
- 1 18. The apparatus of claim 11, wherein said configuration manager comprises
2 circuitry to modify a module function in accordance with a configuration
3 parameter change request.

- 1 19. A system, comprising:
- 2 a network component comprising a system controller coupled to a
- 3 configuration manager; and
- 4 a station coupled to said network component.
- 1 20. The system of claim 19, wherein said node further comprises an inter-module
- 2 dependency-tree coupled to the system controller.
- 1 21. The system of claim 19, wherein said node further comprises a permanent
- 2 configuration parameter database coupled to the configuration manager via a
- 3 command line interface.
- 1 22. The system of claim 19, wherein said station comprises a server to forward a
- 2 transaction via said network component.
- 1 23. The system of claim 19, wherein said station comprises a management
- 2 workstation to configure said network component.

TOE390-956568601

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- 1 24. A machine-readable medium containing instructions, which when executed by a
2 machine, cause said machine to perform operations, comprising:
3 determining an inter-module dependency tree; and
4 modifying a module function in accordance with the inter-module
5 dependency tree.
 - 1 25. The machine-readable medium of claim 24 wherein said determining an inter-
2 module dependency tree comprises associating a module command with an inter-
3 module dependency.
 - 1 26. The machine-readable medium of claim 24 wherein said modifying a module
2 function comprises determining a command script based on a command
3 association with an inter-module dependency.
 - 1 27. The machine-readable medium of claim 24 wherein said modifying a module
2 function comprises associating a command of one module with a command of
3 another module based upon an inter-module dependency.
 - 1 28. The machine-readable medium of claim 24 wherein said modifying a module
2 function comprises initializing a module function.
 - 1 29. The machine-readable medium of claim 24 wherein said modifying a module
2 function comprises reconfiguring a module function.
 - 1 30. The machine-readable medium of claim 24 wherein said modifying a module
2 function comprises shutting down a module function.